AMENDMENTS TO THE ABSTRACT

~~A secret~~Secret file access authorization system with fingerprint limitation includes an authorization module, ~~an~~ encryption module and ~~a~~ certification module in ~~the~~ a server linked by ~~the~~ programs~~; and at~~. A user module of least one client machine~~, each is provided with a user module that~~ contains a kernel encryption/decryption unit embedded in the client operation system kernel, ~~and thus it can be realized that the~~ so access authorization to ~~the~~ secure files ~~is~~ can be limited by environment ~~fingerprint~~ or time fingerprint. Therein the authorization module provides ~~the~~ an authorization secret key (ASK) and ~~the~~ fingerprint template~~; the~~. The encryption module accepts the ~~input of the authorization secret key~~ASK and ~~the~~ secret files to be encrypted, and provides ~~the~~ a decryption secret key~~; the~~ (DSK). The user module accepts the ~~authorization secret key~~ASK and ~~the~~ encrypted secret files, and presents a claim for the ~~authorization secret key~~ASK certification to the certification module~~; the~~. The certification module accepts the ~~decryption secret key~~DSK and the ~~authorization secret key certification~~ claim ~~as well as~~and the ~~fingerprint~~ template, and provides the certified ~~decryption secret key~~DSK for the user module, ~~so as~~ to start ~~up~~ the kernel encryption/decryption unit in the user module, and achieve ~~the~~ reading and writing of ~~the~~ encrypted files.